2006-08 ACCESSORIES & EQUIPMENT

Power Mirrors - Civic (All Except Hybrid)

COMPONENT LOCATION INDEX

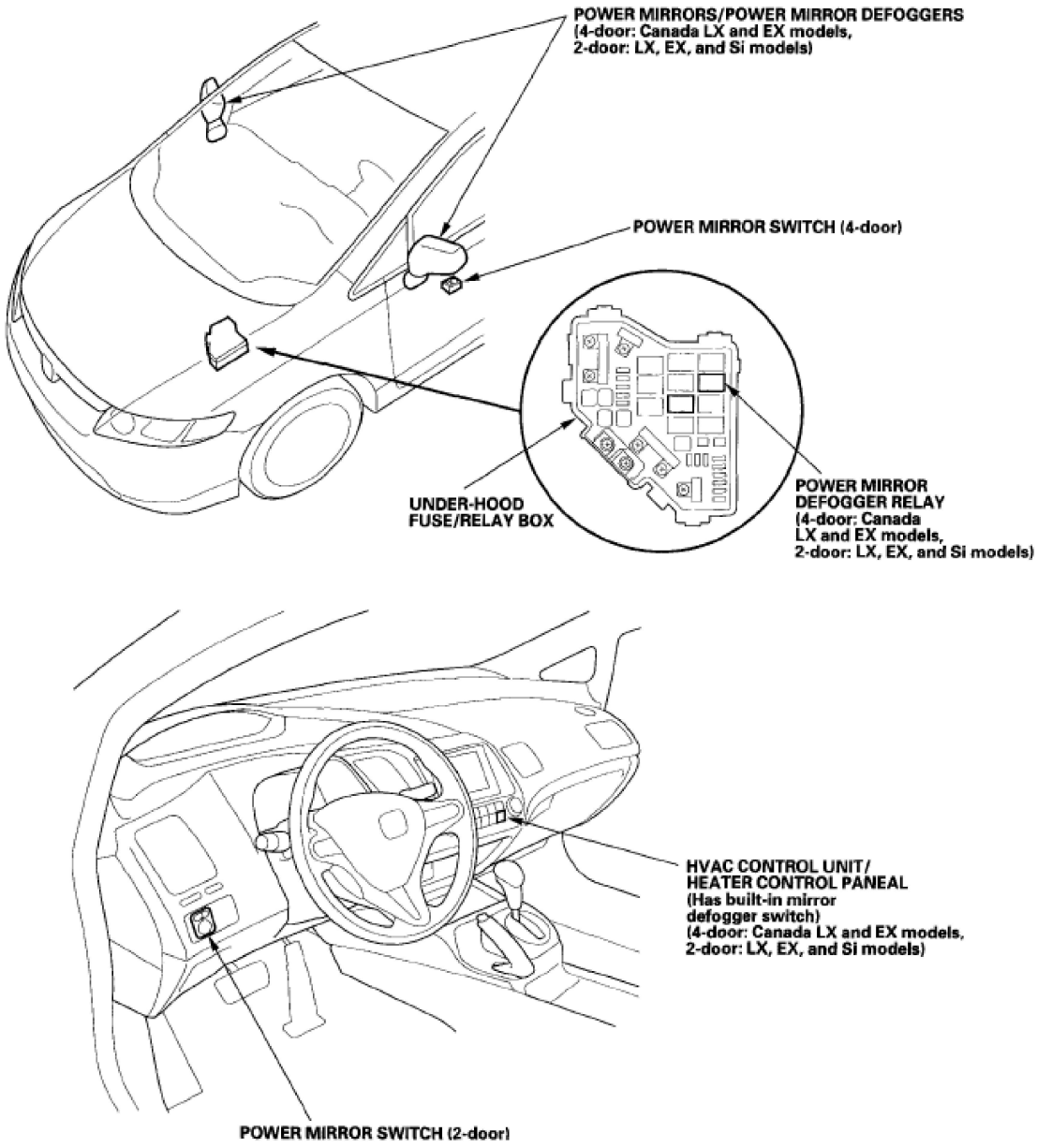

Fig. 1: Locating Power Mirrors Components
Courtesy of AMERICAN HONDA MOTOR CO., INC.

CIRCUIT DIAGRAM

4-door

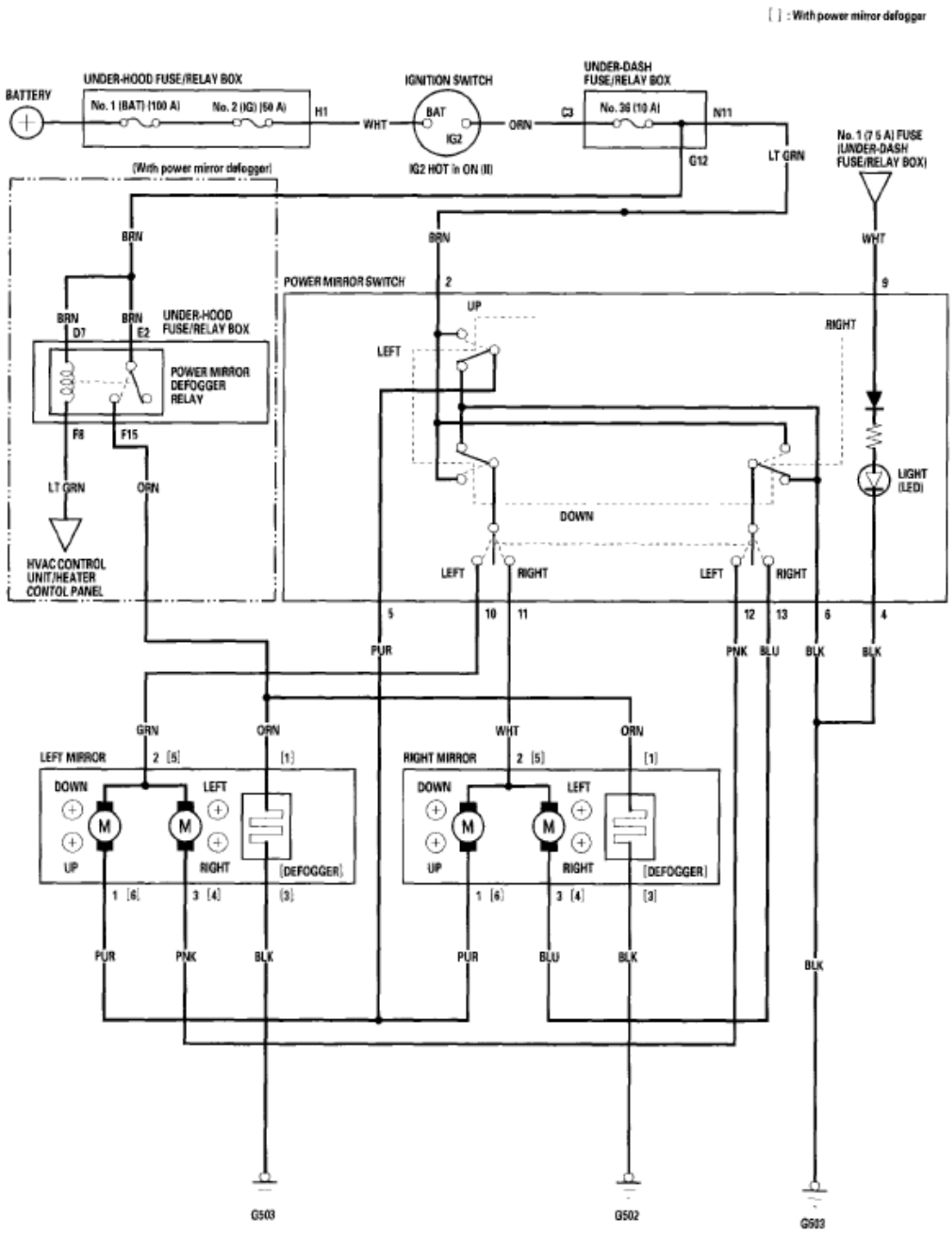

Fig. 2: Power Mirrors Circuit Diagram (4-Door)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

2-door

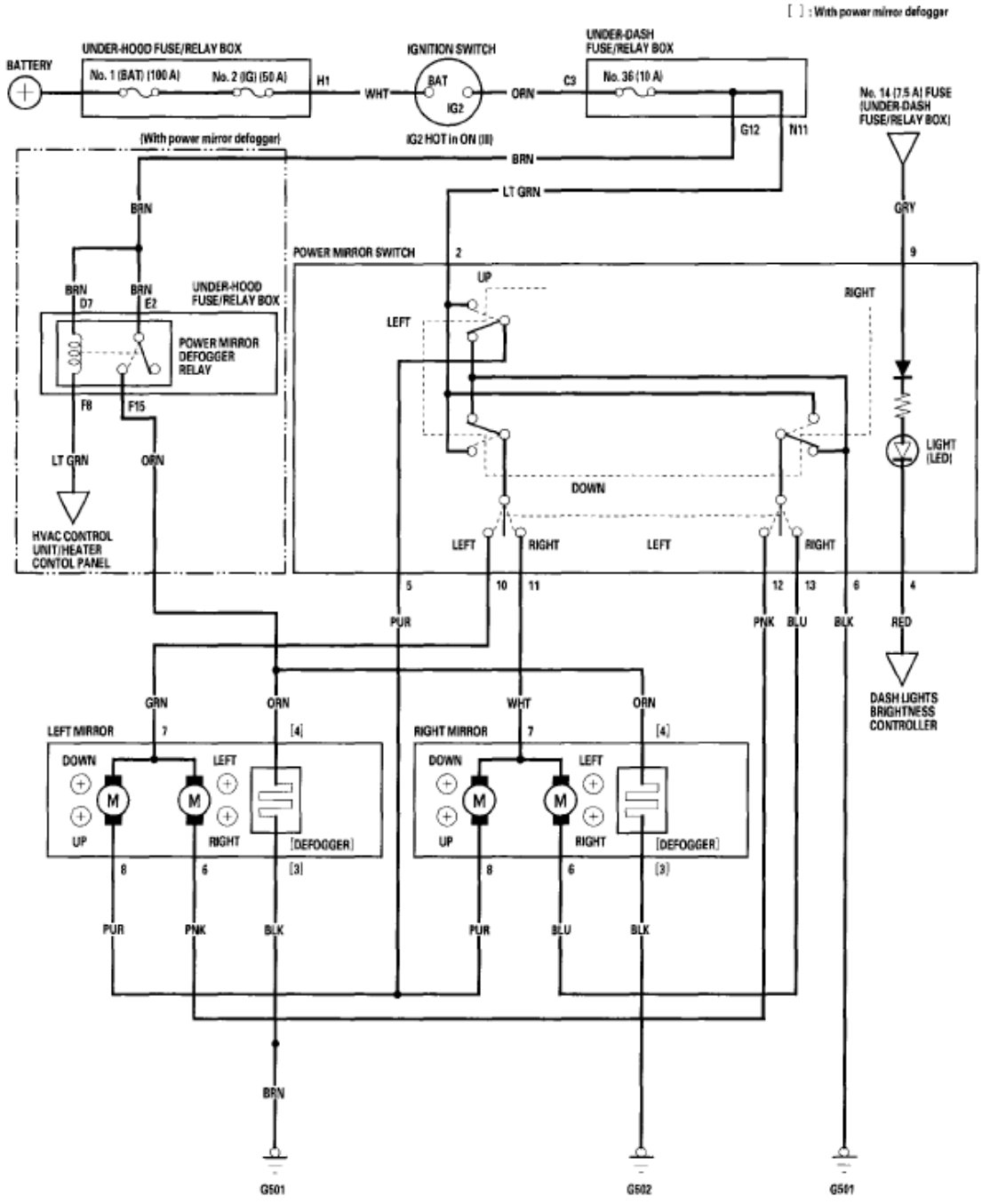

Fig. 3: Power Mirrors Circuit Diagram (2-Door)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

FUNCTION TEST

1. 4-door: Remove the power window master switch (A).

   2-door: Remove the driver's dashboard lower cover (see **DRIVER'S DASHBOARD LOWER COVER REMOVAL/INSTALLATION**).

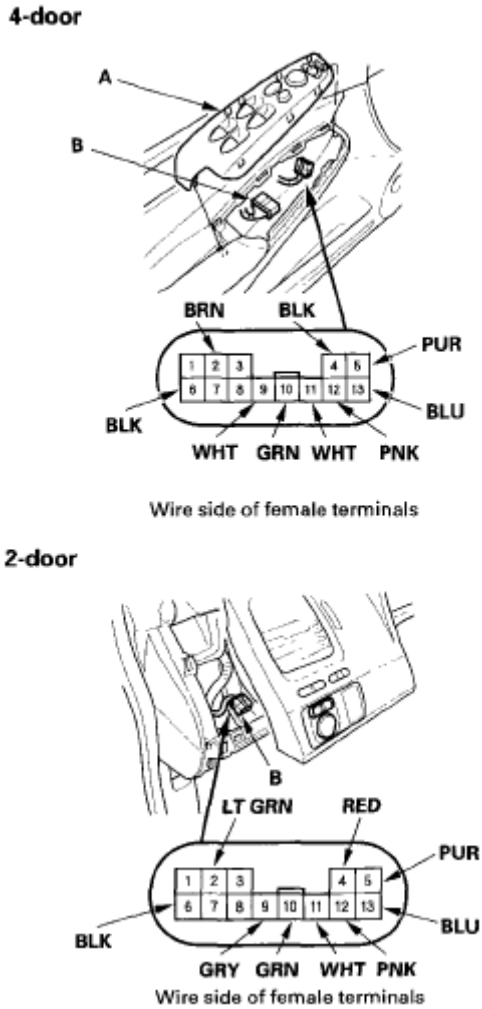

Fig. 4: Removing Power Window Master Switch (4-Door) And Driver's Dashboard Lower Cover (2-Door)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Disconnect the 13P connector (B) from the power mirror switch.
3. Choose the appropriate test based on the symptom:
   - Both mirrors don't work, go to step 4.
   - Left mirror doesn't work, go to step 6.

- Right mirror doesn't work, go to step 7.

Both mirrors

4. Check for voltage between the No. 2 terminal and body ground with the ignition switch ON (II). There should be battery voltage.
   - If there is no battery voltage, check for:
     - Blown No. 36 (10 A) fuse in the under-dash fuse/relay box.
     - An open in the BRN (or PUR *) wire.
   - If there is battery voltage, go to step 5.

   *: 2-door

5. Check for continuity between the No. 6 terminal and body ground.

   There should be continuity.

   - If there is no continuity, check for:
     - An open in the BLK wire.
     - Poor ground (G 503, G501 *).
   - If there is continuity, check both mirrors individually as described in the next steps.

     * : 2-door

Left mirror

6. Connect the No. 2 and No. 10 terminals, and the No. 5 (or No. 12) and No. 6 terminals with jumper wires.

   The left mirror should tilt down (or swing left) with the ignition switch ON (II).

   - If the left mirror does not tilt down (or does not swing left), check for an open in the PUR (or PNK) wire between the left mirror and the 13P connector.

If the wire is OK, check the left mirror actuator.

- If the mirror neither tilts down nor swings left, repair the GRN wire.
- If the mirror works properly, check the mirror switch.

Right mirror

7. Connect the No. 2 and No. 11 terminals, and the No. 5 (or No. 13) and No. 6 terminals with jumper wires. The right mirror should tilt down (or swing left) with the ignition switch ON (II).
   - If the mirror does not tilt down (or does not swing left), check for an open in the PUR (or BLU) wire between the right mirror and the 13P connector. If the wire is OK, check the right mirror actuator.
   - If the mirror neither tilts down nor swings left, repair the WHT wire.
   - If the mirror works properly, check the mirror switch.

POWER MIRROR SWITCH TEST/REPLACEMENT

4-DOOR

1. Remove the driver's door power switch panel (see **FRONT DOOR PANEL REMOVAL/INSTALLATION**).
2. Disconnect the 13P connector from the power mirror switch (A).

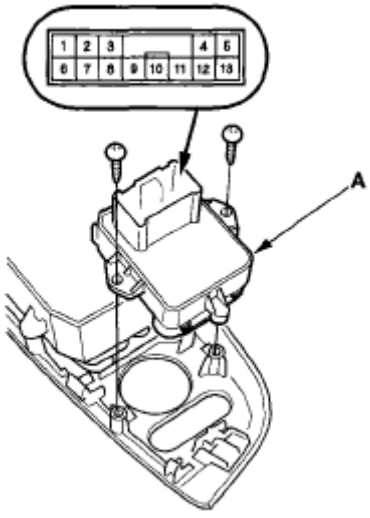

Fig. 5: Disconnecting 13P Connector From Power Mirror Switch (4-Door)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Check for continuity between the terminals in each switch position according to **Fig. 6** .

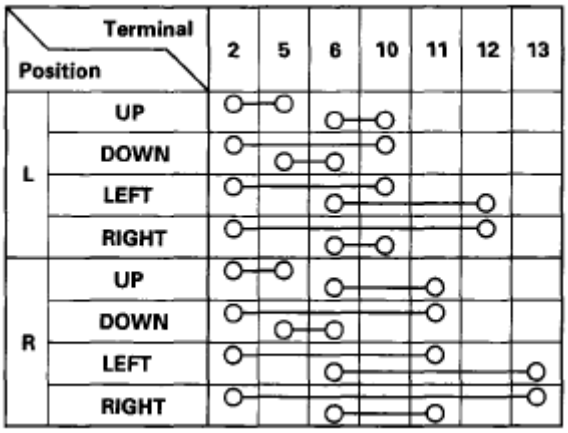

Fig. 6: Checking Continuity Between Power Mirror Switch (4-Door)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. If the continuity is not as specified, remove the screws and replace the switch.

2-DOOR

1. Remove the driver's dashboard lower cover (see **DRIVER's DASHBOARD LOWER COVER REMOVAL/INSTALLATION**).
2. Disconnect the 13P connector from the power mirror switch (A).

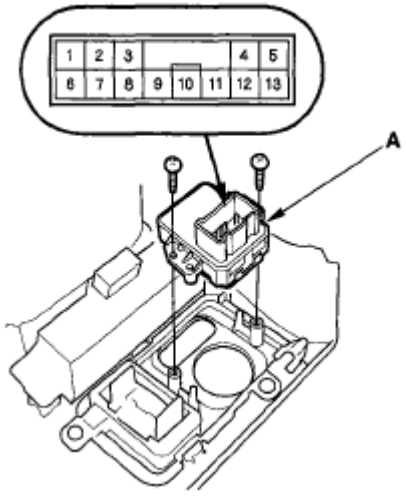

Fig. 7: Disconnecting 13P Connector From Power Mirror Switch (2-Door)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Check for continuity between the terminals in each switch position according to **Fig. 8** .

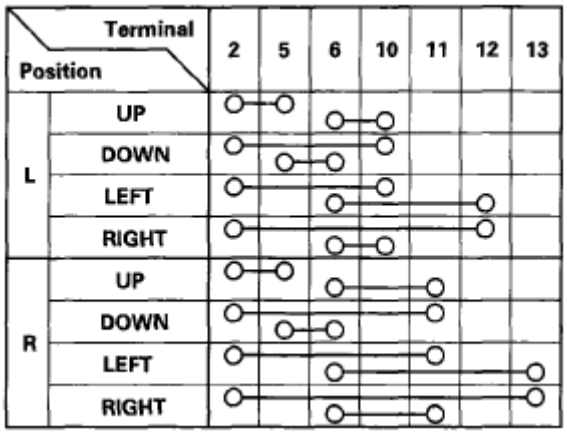

Fig. 8: Checking Continuity Between Power Mirror Switch (2-Door)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. If the continuity is not as specified, remove the screws and replace the power mirror switch.

POWER MIRROR ACTUATOR TEST

4-DOOR

1. Remove the door panel (see **FRONT DOOR PANEL REMOVAL/INSTALLATION**).
2. Disconnect the 3P (or 6P)* connector (A) from the power mirror actuator (B).

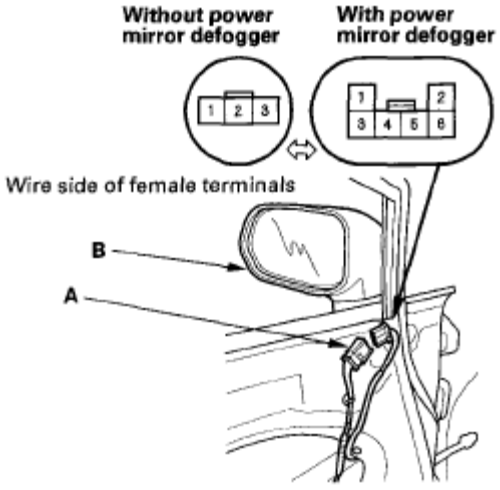

Fig. 9: Disconnecting 3P (or 6P)* Connector From Power Mirror Actuator (4-Door)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Check actuator operation by connecting power and ground according to **Fig. 10** .

Position \ Terminal	1 [6]	2 [5]	3 [4]
TILT UP	⊕	⊖	
TILT DOWN	⊖	⊕	
SWING LEFT		⊕	⊖
SWING RIGHT		⊖	⊕

[ ] : With power mirror defogger

Fig. 10: Checking Actuator Operation By Connecting Power And Ground (4-Door)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. If the mirror fails to work properly, replace the mirror actuator.

Defogger Test

5. Check for continuity between the No. 1 and No. 3 terminals of the 6P connector. These should be continuity.
6. If the continuity is not as specified, check for:

- An open in the wire.
- A faulty mirror holder.

2-DOOR

1. Remove the mirror mount cover (see **POWER MIRROR REPLACEMENT**).
2. Disconnect the 8P connector (A) from the power mirror actuator (B).

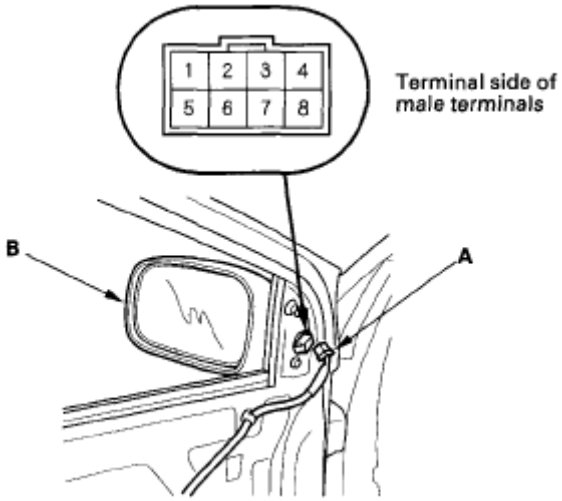

Fig. 11: Disconnecting 8P Connector From Power Mirror Actuator (2-Door)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Check actuator operation by connecting power and ground according to **Fig. 12** .

Terminal / Position	6	7	8
TILT UP		⊖	⊕
TILT DOWN		⊕	⊖
SWING LEFT	⊖	⊕	
SWING RIGHT	⊕	⊖	

Fig. 12: Checking Actuator Operation By Connecting Power And Ground (2-Door)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. If the mirror fails to work properly, replace the mirror actuator.

Defogger Test

5. Check for continuity between the No. 3 and No. 4 terminals of the 6P connector. These should be continuity.
6. If the continuity is not as specified, check for:
   - An open in the wire.
   - A faulty mirror holder.

POWER MIRROR ACTUATOR REPLACEMENT

4-DOOR

1. Remove the mirror holder (see **4-DOOR**).
2. Remove the power mirror (see **4-DOOR**).
3. Disconnect the 3P (without power mirror defogger) or 6P (with power mirror defogger) connector from the mirror.
4. With power mirror defogger:

   Disassemble the power mirror 6P connector (A), and remove the No. 1 and No. 3 terminals from it.

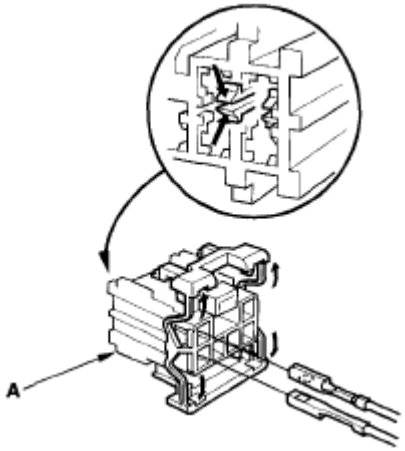

Fig. 13: Removing No. 1 And No. 3 Terminals (With Power Mirror Defogger)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Remove the screw from the gasket (A).

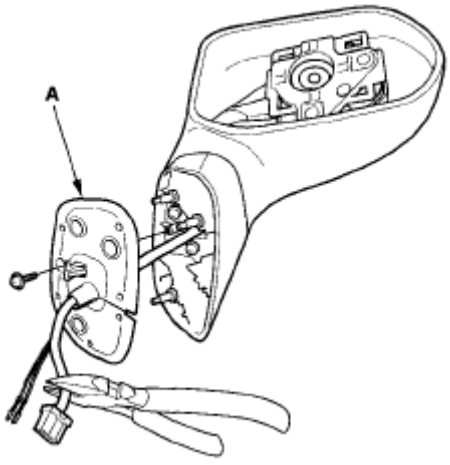

Fig. 14: Removing Screw From Gasket
Courtesy of AMERICAN HONDA MOTOR CO., INC.

6. Record the terminal locations and wire colors.
7. Cut the wire harness with wire cutters, and remove the gasket.
8. Remove the three screws, and separate the mirror housing (A) from the bracket (B).

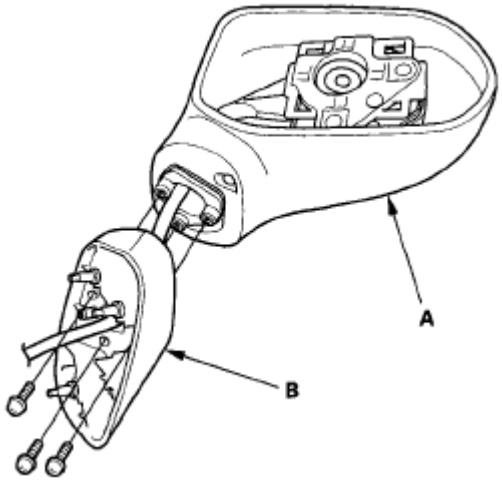

Fig. 15: Separating Mirror Housing From Bracket
Courtesy of AMERICAN HONDA MOTOR CO., INC.

9. Remove the six screws, and the actuator (A).

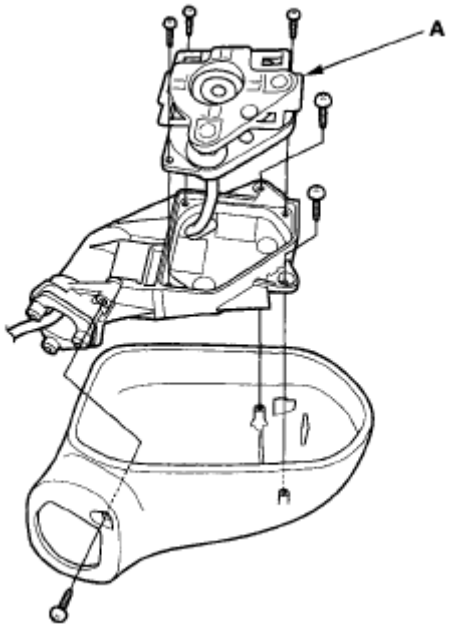

Fig. 16: Removing Actuator
Courtesy of AMERICAN HONDA MOTOR CO., INC.

10. Route the wire harness (A) of the new actuator through the hole in the bracket (B) and gasket (C).

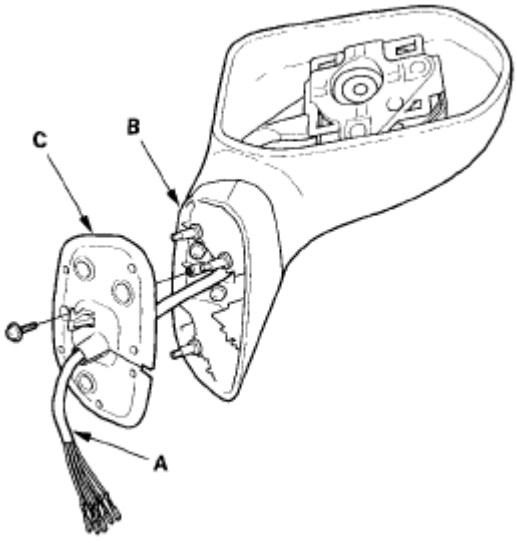

Fig. 17: Routing Wire Harness Of Actuator Through Hole In Bracket And Gasket
Courtesy of AMERICAN HONDA MOTOR CO., INC.

11. Install the actuator, bracket, harness clip, and gasket in the reverse order of removal.
12. Insert the new actuator terminals into the connector in the original arrangement.

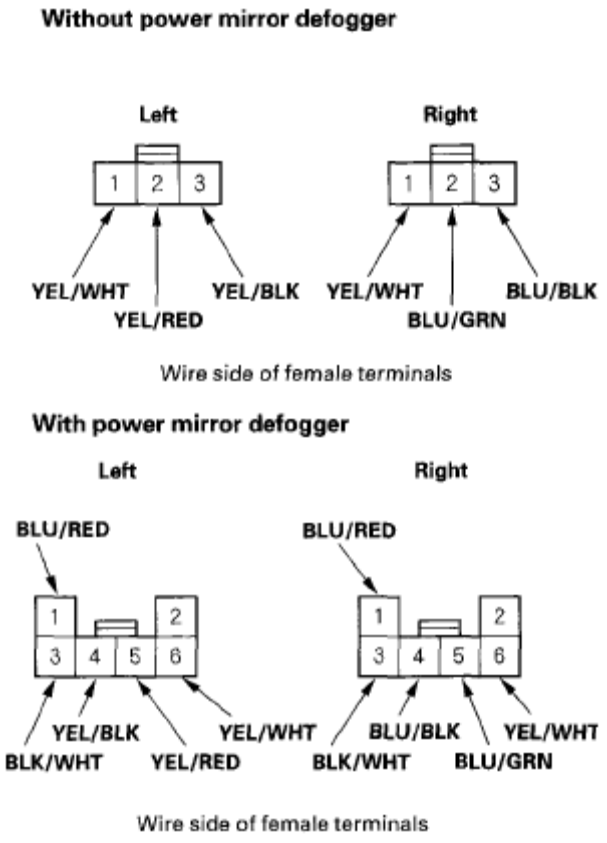

Fig. 18: Inserting New Actuator Terminals Into Connector
Courtesy of AMERICAN HONDA MOTOR CO., INC.

13. Apply tape to seal the intersection of the wire harness and the gasket.
14. Reassemble in the reverse order of disassembly. Be careful not to break the mirror when reinstalling it to the actuator.
15. Reinstall the mirror assembly on the door.
16. Operate the power mirror to ensure smooth operation.

2-DOOR

1. Remove the mirror holder (see **MIRROR HOLDER REPLACEMENT**).

2. Remove the power mirror (see **POWER MIRROR REPLACEMENT**).
3. Disconnect the 8P connector from the power mirror.
4. Remove the gasket (A).

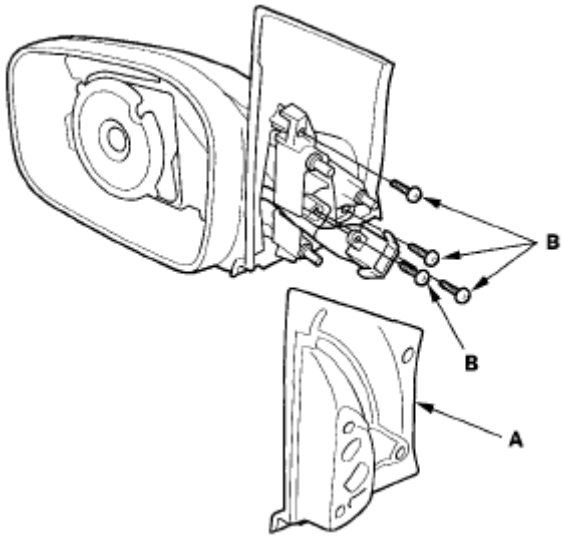

Fig. 19: Removing Gasket
Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Remove the T10 TORX screws (B).
6. Remove the T10 TORX screws (A) and the mirror actuator (B).

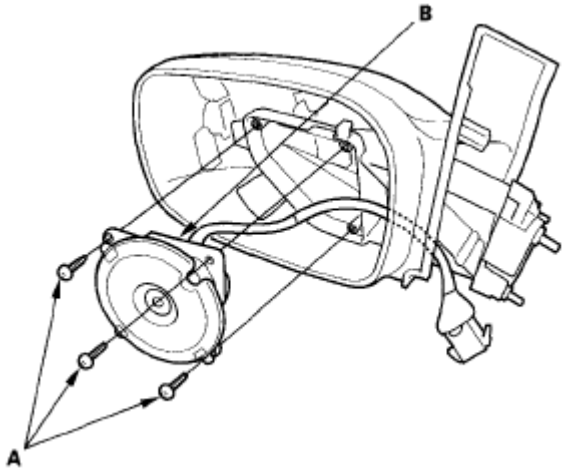

Fig. 20: Removing Mirror Actuator
Courtesy of AMERICAN HONDA MOTOR CO., INC.

7. Install the power mirror actuator in the reverse order of removal.